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Subject: Re: [RFC][PATCH] Use struct pid reference in autofs rather than pid\_t  
Posted by [Sukadev Bhattiprolu](#) on Wed, 24 Jan 2007 06:55:52 GMT  
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Yuck. My second glance did not catch any problems :-).

Will fix the ref count and split into two patches.

Thanks,

Suka

Eric W. Biederman [ebiederm@xmission.com] wrote:

| Sukadev Bhattiprolu <sukadev@us.ibm.com> writes:

|  
| > From: Sukadev Bhattiprolu <sukadev@us.ibm.com>  
| > Subject: Use struct pid reference in autofs rather than pid\_t  
| >  
| > Make autofs container-friendly by caching struct pid reference rather  
| > than pid\_t.

| Are autofs and autofs4 so tightly tied they must be converted together?  
| If not 2 patches are more appropriate.

| Otherwise I'd say this looks fine at first glance.

| Just note that using struct pid protects from pid wraparound issues when  
| dealing with user space so this should also be a small increase in  
| correctness as well.

| At second glance this patch is very incorrect. It is missing get\_pid  
| and put\_pid calls.

| The big difference between struct pid and pid\_t values is that  
| struct pid is reference counted.

| Your find\_pid's should be find\_get\_pid's and you need the put\_pids  
| and unmount or whenever those values stop being valid.

| You also didn't take the required locks when using find\_pid.

| Eric

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Containers mailing list  
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<https://lists.osdl.org/mailman/listinfo/containers>

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